	2011										20	2012							2013							2014	1					- 1	2015							2016			
		Q1	Q2		Q:	3	Q4		Q1		Q2		3	Q.	4	Q1		Q2		Q3		Q4	(Q1	Q2		Q3	(24	Q1		Q2		Q3	(Q4	Q1	1	Q2		Q3		Q4
Project Tasks	J	F M	A M	J	J A	S	O N	D J	F M	I A I	M J	J A	S	O N	D	J F	M A	A M	J J	Α	S O	N D	J	F M	A M	J J	A	S O	N D	J F	M A	. M	J J	A S	0 1	N D	J F	M	A M	J J	A S	s o	N D
1.1 Project Start up and Management	11					11				ш			\perp							11												1			44			ш			4		
1.1.1 Notify Stakeholders of Award	+			Н		44		_	Н	++	-		+		++		Н	+		11	_		11	44		₩	11	++	+	-	_	11	+	_	++	-	Ш	++	\perp		H	4	ι— '
1.1.2 Assemble HSI-STEM Advisory Board 1.1.3 HSI-STEM Advisory Board biannual meetings				Н	_	Н		-		++	+	-	+	-	++		\vdash	+			_	-	+	+		-		++	+		_	++	+		++			\vdash			₩	+-	
1.2 Project Personnel					-	ы			-	н		-	Н	_		-	Н	+					_				-	+				н	+	_	+		_	н	\blacksquare	_		-	
1.2.1 Recruit Project Personnel	-	-			-	н	-	-		-		-	+	_	-	-		-	-	-	-			-	-			-			_	-	+	_	+	-		-	-	_	+	-	#
1.2.2 Pre-Service Training	+			H	_	_			\vdash	+	+	+	+		+	+		+		+	+		t	\pm			+	+	+	+	-	+	+	-	++	+	H	+	\pm	十	H	+	一
1.2.3 Develop project materials (curricula, articulation	+	+		Н	-		\blacksquare																												+	+	\vdash	+	+	+	H	+	一一
agreements)																							ш												4						Ì I		ı l'
2.1 Recruitment of students						П	-			т		_	т		т					1	-		т	_			-	_			_	-		_	1					+	H		
2.1.1 Project announcement distribution	т	_				т	_	_		т			П	_	т	_		$\overline{}$	_	т			т	$\overline{}$	_			_			_	т	T		\blacksquare	_		т	\neg	一	П	_	-
2.1.2 Recruit students for cohort				H	_					t		_	П		+			+		11			tt	\pm			+	++	\pm			t			+			T	\pm	\pm	Ħ		Π
2.1.3 Select peer mentors for tutoring	TT					T							T		Ħ					TT			TT	11				\top					TT		+			tt		\top	Ħ		T
2.1.4 Select from cohort students to serve as research				П									Ħ		T													Ħ							TT			Ħ		\top			Π
assistants, lab assistants, and project assistants																										ш															i I		ıl
2.2 Project Services																																П											
2.2.1 Review guidelines and expectations with students	s			П		П	\top	П	П	П	П		П		П		П	П				П	П			П		П	П	П		П	П		\top		П	П	П	T	厂	Т	T
in cohort						Ш																																			1		ıΙ
2.2.2 Advisement of students in cohort	T			П																																							
2.2.3 Monitoring of student performance and tracking	Ħ			П																П			П															П					
progress						П																	ш																				
2.2.4 Reports on student progress													П		П			П														П			Π			TT	П				П
2.2.5 Joint Leadership conference													П					П																					П				П
2.2.6 Orientation of students prior to transfer to CSUN																										П									TT			Ħ			П		T
(Engineering Boot Camp)																				ш															Ш						Ш		ட
2.2.7 Participation at Tech Fest																																											
2.2.8 Participation in Senior Design Project Showcase						Ш	Ш		Ш				\perp							Ш		Щ	ш	Ш		Щ	Ш	ш		Ш		ш	Ш		ш		Ш	\perp			Ш		Щ'
2.2.9 Career Advising						ш					\bot		Ш		ш			ш		ш		Ш		ш			ш		ш			ш			_	4		ш			4		Щ'
2.2.10 Establish Academic Success Center for tutoring	:																																								i I		ı I '
and workshops	\perp			ш		ш		\perp	ш	ш	ш	ш	ш		ш		ш	\perp		$\perp \perp$		ш	ш	\perp		ш	ш	ш	ш	\perp	_	ш	ш	_	\bot		ш	ш	\perp	<u> </u>	щ		
3.1 Faculty	\blacksquare					-				-		4								+			$oldsymbol{+}$			_					_	ш	-		#			-	-	_	#		#
3.1.1 Identify faculty from CSUN, GCC and COC to																																ш									i I		ıl
work on project and review and update annually	+				_	Ш	+	_	Щ.	\vdash		_	\perp		ш		Ш	+		+	_	₽₽	\sqcup	\perp			\vdash	\bot	\perp	\perp	_	ш	-	_	+		₽₽	₩	\perp	-	H		+
3.1.2 Orient project faculty on project needs, services,																																ш									i I		ıl
and deliverables	+			Н	_	44		_	Н	++			+		++		Н	+		11	_		11	44			11	++	+	-	_	-	4	_	++		Ш	++	\perp	4	H	4	ι— '
3.1.3 Identify gaps in articulation with CECS courses	+	-		Н	-	ш				Н		_	\perp										ш				ш	_				н	-		_			Н	\blacksquare	—	₩	+-	+
3.1.4 Schedule and team teach new courses 3.1.5 Develop and offer new courses that articulate	+			Н	-	++	+	+	\vdash	Н	+	-	+	-	+	+		+	-	++	+	Н	++	+	+		Н	+	+	+	+	+	+	-	\blacksquare	+	H	+	+	-	₩	-	+
with CSUN						П																	ш																		i I		ıl
3.2 Technology and Online services					-	-	-	-	-		-	-	Н	-	-	-				++	-		-	-	-		-	-	-	_	-	-	-	-		-		н	-		\vdash	-	
3.2.1 Purchase and set up tablets and DyKnow		_			-	т	++				-	-	+			_			-	+ +				-	_			-	-	-	-	++	++		+	_	-	-	-	#	+	_	
Software																																									Ì I		ıl
3.22 Faculty team completes DyKnow training;	+			H		Н		-	H	++	+	\vdash	+	_	++	+	H	+	-	++	+	H	++	+	-	H	++	+	+	+	-	++	+	-	++	+	H	++	+	+	₩	+-	\vdash
Designs WiTec evaluation instruments																																									i I		ıl
3.2.3 Faculty team begins using tablets and other	+			H	-	П	_	-																											\rightarrow					_	H	+	\vdash
hybrid online technology in courses, workshops with																							ш																		i I		ıl
cohorts, advisement and tutoring																																						П			1		ıΙ
3.2.4 Annual demonstration of learning modules	$\dagger\dagger$	-	\vdash	H	+	Ħ	+																П												17			П		+	廾	+	\vdash
developed with WiTEC																																									1		ıΙ
3.2.5 Analysis of data collected in Year 1 for formative	e		\vdash	Н	\top	Ħ	+	\top	\vdash	tt			Н	1	†	+	Ħ	+		Ħ	\top	\vdash	Ħ	\top	\dashv	П	+	+	Ħ	\dashv	\top	1 1	7	\top	$\dagger \dagger$	+	\vdash	Ħ	$\dashv \dashv$	十	\sqcap	\top	\vdash
evaluation of WiTEC																																									1		ıΙ
3.2.6 Redesign of courses based on evaluation of	$\dagger \dagger$	-		П	\top	Ħ	11	T		tt	\top					+	H	+		Ħ	+	Ħ	Ħ	\top	\vdash	Ħ	TT	+	+	$\exists \exists$	\top	11	\top	\top	$\dagger \dagger$	+	H	Ħ	\top	\top	Ħ	\top	\vdash
results and suggestions																																									1		ıΙ
3.2.7 Summative evaluation of WiTEC project	T^{\dagger}	1	ΠĖ	П	T	Ħ	\top	т	H	TT	\top	T	П		П	T	Ħ	Ħ			1	ΠT	Ħ	\top	\top	ΠŤ	TT	\top	Ħ	$\exists \exists$	T	TT	\top	T	11	T	口	Ħ	\top	丁	口	1	一
4.1 Project Assessment and Evaluation						П																	П															П					
4.1.1 Program Assessment and Evaluation Committee	П			П		П			П				П		П			П		П		П		П					П			П		T				П			П		$ \mathcal{T}$
meetings						IJ																																			$I \perp$		ıΙ
4.1.2 Biannual reports to Advisory Board	T			П	7	π	77	П		П			П		П		П	71					П	П		П		П	Ħ			11	П		\sqcap			П	71	丁			П
4.1.3 Annual progress reports to DOE	T^{\dagger}	1	ΠĖ	П	T	Ħ	\top	т	П	TT	\top			1	Ħ	Г	Ħ	Ħ			1	ΠT	П	7 1	\top	Πħ		\top	Ħ	П	T	TT	\top		11	T	П	Ħ	\top	丁		1	一
4.1.4 Final Project report to DOE	T^{\dagger}	1	ΠĖ	П	T	Ħ	\top	т	H	TT	\top	T	11	1	Ħ	T	Ħ	Ħ		П	1	ΠT	Ħ	\top	\top	Πħ	П	\top	Ħ	$\exists \exists$	T	TT	T	7	11	T	口	Ħ	\top	丁		1	一
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